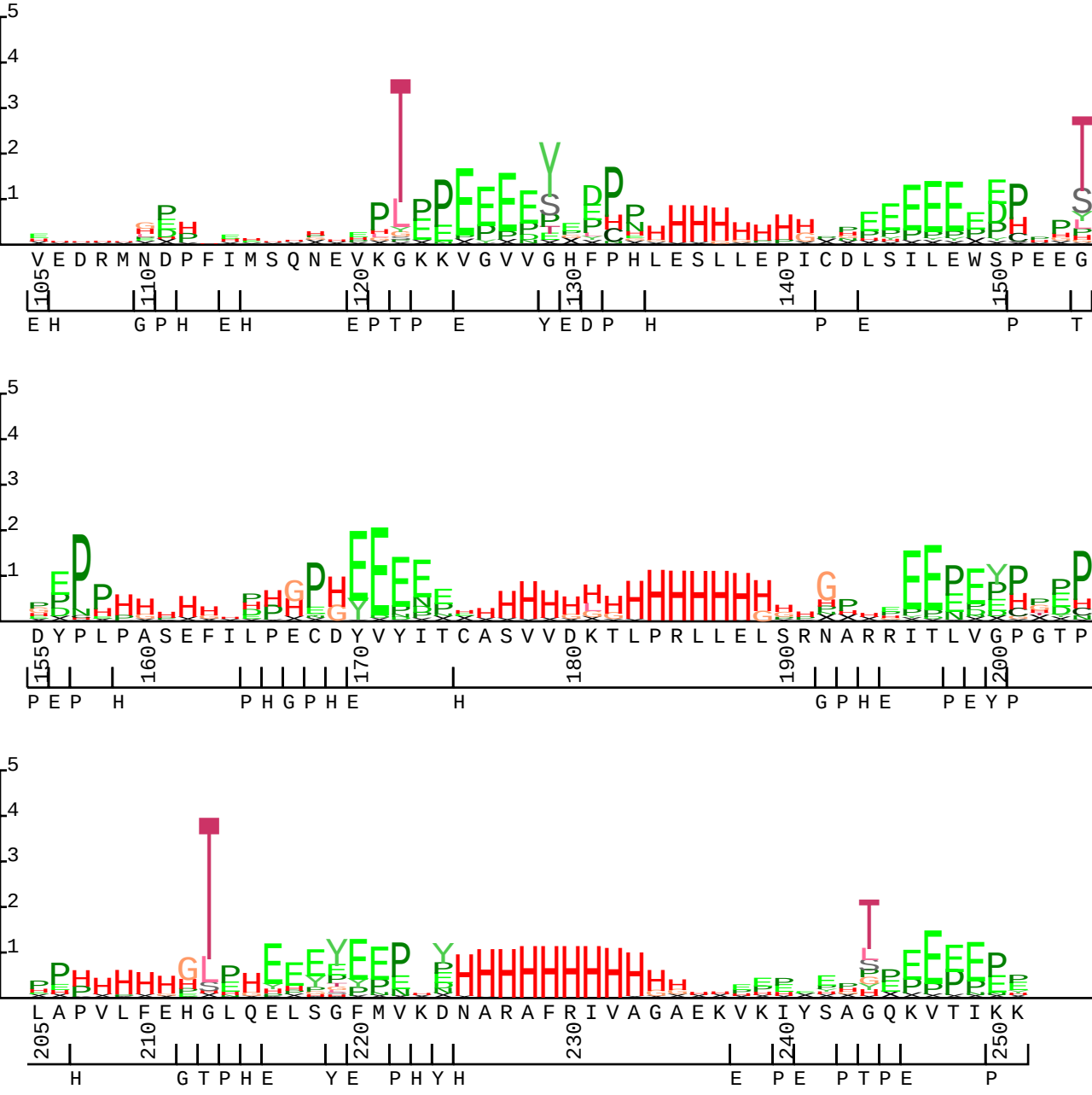T0321.t2k bys